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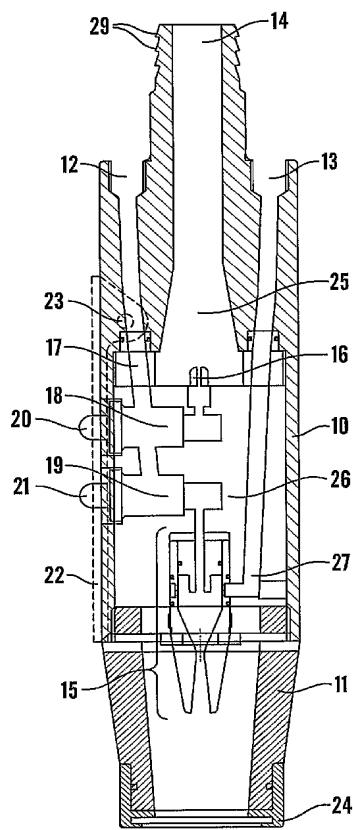
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(54) Title: PNEUMATIC ETCHING DEVICES



(57) Abstract: A pneumatic etching device comprising means for entraining abrasive particles in a gas flow and propelling them against a surface to be etched and means for drawing spent particles and debris away from said surface using a vacuum generated internally using the compressed gas source that propels the abrasive particles. The vacuum is preferably generated using a vacuum nozzle that directs compressed air away from the surface to be etched into a conical chamber tapering to an exhaust port. The device also incorporates an easily replaceable blasting nozzle unit for quick maintenance and may incorporate a hopper for recycling the abrasive particles.

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